

To: Dana Loomis[LoomisD@iarc.fr]
From: Egeghy, Peter
Sent: Wed 8/26/2015 8:30:02 PM
Subject: RE: Diazinon monograph

Hi Dana,

Oh, I could never contradict Hans!

I was unable to track down that specific reference, but I found an alternate one providing the same information (with 0.01 mg/m³ as the TLV in the U.S., 0.1 mg/m³ as the TLV in several other countries, and 0.3 mg/m³ as the STEL in the U.S. and Finland):

Richard P. Pohanish (Ed.), Sittig's Handbook of Toxic and Hazardous Chemicals and Carcinogens, 6th Edition. Volume 1, ISBN 9781437778694. Waltham, MA: Elsevier, pp. 878-880.

<https://books.google.com/books?id=f6HclgolkjcC&pg=PA879#v=onepage&q&f=false>

Hope everything is going well. My colleague Kent Thomas seemed to really get a lot out of his IARC experience earlier this summer.

Take care,

Pete

Permissible Exposure Limits in Air

OSHA PEL: None.

NIOSH REL: 0.1 mg/m³ TWA [skin].

ACGIH TLV[®]^[11]: 0.01 mg/m³ TWA, inhalable fraction and vapor [skin]; not classifiable as a human carcinogen; TLV-BE_{1A} issued (2000), Acetylcholinesterase-inhibiting pesticides. No TEEL available.

DFG MAK: 0.1 mg/m³ (measured as the inhalable fraction); Peak Limitation Category II(2) [skin]; Pregnancy Risk Group C.

Australia: TWA 0.1 mg/m³, [skin], 1993; Austria: MAK 0.1 mg/m³, [skin], 1999; Belgium: TWA 0.1 mg/m³, [skin], 1993; Finland: TWA 0.1 mg/m³; STEL 0.3 mg/m³, [skin], 1999; France: VME 0.1 mg/m³, [skin], 1999; Hungary: STEL 0.1 mg/m³, [skin], 1993; India: TWA 0.1 mg/m³, [skin], 1993; the Netherlands: MAC-TGG 0.1 mg/m³, 2003; Norway: TWA 0.1 mg/m³, 1999; Russia: STEL 0.2 mg/m³, [skin], 1993; Switzerland: MAK-W 0.1 mg/m³, [skin], 1999; United Kingdom: TWA 0.1 mg/m³, 2000; Argentina, Bulgaria, Columbia, Jordan, South Korea, New Zealand, Singapore, Vietnam: ACGIH TLV[®]: not classifiable as a human carcinogen. Several states have set guidelines or standards for diazinon in ambient air^[60] ranging from 1.0 µg/m³ (North Dakota) to 1.6 µg/m³ (Virginia) to 2.0 µg/m³ (Connecticut and Nevada).

Determination in Air: Use NIOSH Analytical Method (IV) #5600, Organophosphorus Pesticides. See also OSHA Analytical Method 62.^[58]

From: Dana Loomis [mailto:LoomisD@iarc.fr]

Sent: Wednesday, August 26, 2015 12:09 PM

To: Egeghy, Peter

Subject: FW: Diazinon monograph

Dear Pete,

I sent the message below to Hans, who I thought had written all of the material on regulation for this group of agents. However, he claims not to remember this reference and thinks it may have come from you. Can you confirm or deny?

Best

Dana

From: Dana Loomis [<mailto:LoomisD@iarc.fr>]

Sent: Tuesday, August 25, 2015 18:31

To: Kromhout, J. (Hans)

Subject: Diazinon monograph

Hi Hans,

Another question about Section 1 from the 112 monograph meeting. In the diazinon monograph it says "Occupational exposure limits for diazinon ranging from 0.01 mg/m³ to 0.3 mg/m³ have been established in several countries (AFI, 2015) but the reference is missing. I think you had found those OELs somewhere. Can you provide the reference?

Hope you're having a good summer!

Thanks

Dana

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